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. Information Disclosure Statements (PTO-1449 or PTO/SB/08), 7. Paper No./Mail Date	Paper No./Mail Date 7.	
Examiner's Comment Regarding Requirement for Deposit 8.		t of Reasons for Allowance
of Biological Material 9.	☐ Other	

Application/Control Number: 10/044,466

Art Unit: 3679

## **DETAILED ACTION**

Examiner notes that claims 10-12 are improperly listed as withdrawn within the amendment filed November 23, 2004. Claims 10-12 were canceled in the amendment filed June 18, 2003.

## Allowable Subject Matter

- 1. Claims 1-9, 13 and 14 allowed.
- 2. The following is an examiner's statement of reasons for allowance:

As to claim 1, Morelli et al. (US 5,688,070) disclose the claimed apparatus with the exception of comprising a hub having a cylindrical axial bore defining a wall in the hub, the wall being cylindrical about the entire surface of the axial bore, the entire surface of the axial bore being defined at a constant radial distance from a central axis of the axial bore.

It would not have been obvious to one having ordinary skill in the art at the time the invention was made to modify an apparatus as disclosed by Morelli et al. to have the above mentioned elements as the prior art neither teaches nor suggests such modifications.

As to claim 7, Kindelmann et al. (US 1,866,112) disclose the claimed method with the exception of comprising the step of providing at least one longitudinal keyway in the shaft, the at least one keyway having a bottom portion and at least two side walls, the shaft having a solid cross-section along the entire length of the shaft.

It would not have been obvious to one having ordinary skill in the art at the time the invention was made to modify a method as disclosed by Kindelmann et al. to have

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the above mentioned elements as the prior art neither teaches nor suggests such modifications.

As to claim 13, Preston (US 1,560,399) discloses the claimed apparatus with the exception of comprising at least one locking key having a pre-insertion maximum radial height greater than the maximum distance, the radial height of the at least one locking key being tapered along a longitudinal axis of the at least one locking key, wherein the longitudinal axis is parallel with the axis of the axial bore.

It would not have been obvious to one having ordinary skill in the art at the time the invention was made to modify an apparatus as disclosed by Preston to have the above mentioned elements as the prior art neither teaches nor suggests such modifications.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael P. Ferguson whose telephone number is (703)308-8591. The examiner can normally be reached on M-F (7:30-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel P. Stodola can be reached on (703)308-2686. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MPF

12/07/04

DANIEL P. STODOLA
SUPERVISORY PATENT EXAMINER
\*\*ECHNOLOGY CENTER 3600

aniel P Stodol